



# MRI Changed the diagnosis of prostate cancer

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## COMMENT

In cases of prostate cancer investigation MRI can be used during a prostate biopsy to help guide the needles into the prostate. This paper of the group of Dr. Abreu and Gill (1) shows the importance of MRI in the prostate cancer diagnosis. In the last years several papers studied the prostate biopsy showing the superiority of the perineal MRI/TRUS Fusion-Guided Prostate Biopsy (2-4). The group of the University of Southern California compared transperineal (TP) vs transrectal (TR) magnetic resonance imaging (MRI) and transrectal ultrasound (TRUS) fusion-guided prostate biopsy (PBx) in a large, ethnically diverse and multiracial cohort with 1491 patients, with 480 undergoing TP and 1011 TR PBx and concluded that in a large and diverse cohort, black race, but not the biopsy approach, was an independent predictor for clinical significant prostate cancer (CSPCa) detection. TP and TR PBx yielded similar CSPCa detection rates, however the TP PBx was histologically more informative.

## CONFLICT OF INTEREST

None declared.

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